SEQUENCE LISTING

<110> CropDesign N.V.

<120> Plants having increased yield and method for making the same

<130> CD-106-PCT

<150> US 60/532,287
<151> 2003-12-22

<160> 5

<170> PatentIn version 3.3

<210> 1
<211> 1311
<212> DNA
<213> Arabidopsis thaliana

<220>
<221> misc_feature
<223> A variant of the coding sequence of the sequence deposited under
       accession number NM_121168 contains a G instead of C on position
       851 and a T instead of C on position 1295

<400> 1
atgtattgct cttcttcgat gcatccaaat gcaaacaaag aaaatatctc tacttcagat   60

gtacaggaga gttttgtacg aataacgaga tcacgagcta aaaaagccat gggaagagga   120

gtatcaatac ctccaacaaa accttctttt aaacagcaaa agagacgtgc agtacttaag   180

gatgtgagta atacctctgc agatattatt tattcagaac ttcgaaaggg aggcaacatc   240

aaggcaaaca gaaaatgtct aaaagagcct aaaaaagcag caaaggaagg tgctaacagt   300

gccatggata ttctggtaga tatgcataca gaaaaatcaa aattagcaga agatttgtcc   360

aagatcagga tggctgaagc ccaagatgtc tctctttcaa actttaaaga tgaagaaatt   420

actgagcaac aagaagatgg atcaggtgtc atggagttac ttcaagttgt agatattgat   480

tccaacgtcg aagatccaca gtgttgcagc ttgtatgctg ctgatatata tgacaacata   540

catgttgcag agcttcaaca acgacccttg gctaattata tggagcttgt gcagcgagat   600

atcgacccag acatgagaaa gattctgatt gactggcttg tagaagtttc tgacgactac   660

aagctggttc cagatacgct ttaccttaca gtgaatctta tcgaccggtt tctgtccaac   720

agttacattg aaaggcaaag actccagctc cttggtgtct cttgcatgct tatagcttca   780

aaatatgaag agctttccgc caggggggtg gaggagtttt gcttcattac ggccaacaca   840

tacacaagac cagaagtgct gagcatggag attcaaattc taaattttgt gcactttaga   900

ttatcggttc ctaccaccaa aacatttctg aggcggttca ttaaagcagc tcaagcttcg   960

tacaaggtgc ctttcattga actggagtat ttagcaaact atctcgccga attgacactg   1020

gtggaatata gtttcctaag gttcctgcca tcactaattg ctgcttcagc tgttttccta   1080
Page 1

```
gcccgatgga cactcgacca aactgaccat ccttggaacc ctactctgca acactacacc   1140

agatatgagg tagctgagct gaagaacaca gttctcgcca tggaggactt gcagctcaac   1200

accagtggct gtactctcgc tgccacccgt gagaaataca accaaccaaa gtttaagagc   1260

gtggcaaagc tgacatctcc caaacgagtc acatcactat tctcaagatg a            1311
```

```
<210>  2
<211>  436
<212>  PRT
<213>  Arabidopsis thaliana


<220>
<221>  MISC_FEATURE
<223>  A variant of the sequence deposited under accession number
       NP_568248 contains an arginine instead of a proline on position
       284 and a phenylalanine instead of a serine on position 432

<400>  2
```

```
Met Tyr Cys Ser Ser Ser Met His Pro Asn Ala Asn Lys Glu Asn Ile
1               5                  10                  15


Ser Thr Ser Asp Val Gln Glu Ser Phe Val Arg Ile Thr Arg Ser Arg
                20                  25                  30


Ala Lys Lys Ala Met Gly Arg Gly Val Ser Ile Pro Pro Thr Lys Pro
            35                  40                  45


Ser Phe Lys Gln Gln Lys Arg Arg Ala Val Leu Lys Asp Val Ser Asn
        50                  55                  60


Thr Ser Ala Asp Ile Ile Tyr Ser Glu Leu Arg Lys Gly Gly Asn Ile
65                  70                  75                  80


Lys Ala Asn Arg Lys Cys Leu Lys Glu Pro Lys Lys Ala Ala Lys Glu
                85                  90                  95


Gly Ala Asn Ser Ala Met Asp Ile Leu Val Asp Met His Thr Glu Lys
                100                 105                 110


Ser Lys Leu Ala Glu Asp Leu Ser Lys Ile Arg Met Ala Glu Ala Gln
            115                 120                 125


Asp Val Ser Leu Ser Asn Phe Lys Asp Glu Glu Ile Thr Glu Gln Gln
        130                 135                 140


Glu Asp Gly Ser Gly Val Met Glu Leu Leu Gln Val Val Asp Ile Asp
145                 150                 155                 160
```

Ser Asn Val Glu Asp Pro Gln Cys Cys Ser Leu Tyr Ala Ala Asp Ile
                165   170   175

Tyr Asp Asn Ile His Val Ala Glu Leu Gln Gln Arg Pro Leu Ala Asn
            180   185   190

Tyr Met Glu Leu Val Gln Arg Asp Ile Asp Pro Asp Met Arg Lys Ile
        195   200   205

Leu Ile Asp Trp Leu Val Glu Val Ser Asp Asp Tyr Lys Leu Val Pro
    210   215   220

Asp Thr Leu Tyr Leu Thr Val Asn Leu Ile Asp Arg Phe Leu Ser Asn
225   230   235   240

Ser Tyr Ile Glu Arg Gln Arg Leu Gln Leu Leu Gly Val Ser Cys Met
            245   250   255

Leu Ile Ala Ser Lys Tyr Glu Glu Leu Ser Ala Pro Gly Val Glu Glu
            260   265   270

Phe Cys Phe Ile Thr Ala Asn Thr Tyr Thr Arg Pro Glu Val Leu Ser
        275   280   285

Met Glu Ile Gln Ile Leu Asn Phe Val His Phe Arg Leu Ser Val Pro
    290   295   300

Thr Thr Lys Thr Phe Leu Arg Arg Phe Ile Lys Ala Ala Gln Ala Ser
305   310   315   320

Tyr Lys Val Pro Phe Ile Glu Leu Glu Tyr Leu Ala Asn Tyr Leu Ala
            325   330   335

Glu Leu Thr Leu Val Glu Tyr Ser Phe Leu Arg Phe Leu Pro Ser Leu
            340   345   350

Ile Ala Ala Ser Ala Val Phe Leu Ala Arg Trp Thr Leu Asp Gln Thr
            355   360   365

Asp His Pro Trp Asn Pro Thr Leu Gln His Tyr Thr Arg Tyr Glu Val
        370   375   380

Ala Glu Leu Lys Asn Thr Val Leu Ala Met Glu Asp Leu Gln Leu Asn
385   390   395   400

Thr Ser Gly Cys Thr Leu Ala Ala Thr Arg Glu Lys Tyr Asn Gln Pro
            405   410   415
                                    Page 3

```
Lys Phe Lys Ser Val Ala Lys Leu Thr Ser Pro Lys Arg Val Thr Ser
            420                 425             430

Leu Phe Ser Arg
        435
```

<210> 3
<211> 654
<212> DNA
<213> Oryza sativa

<400> 3

```
cttctacatc ggcttaggtg tagcaacacg actttattat tattattatt attattatta      60

ttattttaca aaaatataaa atagatcagt ccctcaccac aagtagagca agttggtgag     120

ttattgtaaa gttctacaaa gctaatttaa aagttattgc attaacttat ttcatattac     180

aaacaagagt gtcaatggaa caatgaaaac catatgacat actataattt tgtttttatt     240

attgaaatta tataattcaa agagaataaa tccacatagc cgtaaagttc tacatgtggt     300

gcattaccaa aatatatata gcttacaaaa catgacaagc ttagtttgaa aaattgcaat     360

ccttatcaca ttgacacata aagtgagtga tgagtcataa tattattttc tttgctaccc     420

atcatgtata tatgatagcc acaaagttac tttgatgatg atatcaaaga acatttttag     480

gtgcacctaa cagaatatcc aaataatatg actcacttag atcataatag agcatcaagt     540

aaaactaaca ctctaaagca accgatggga aagcatctat aaatagacaa gcacaatgaa     600

aatcctcatc atccttcacc acaattcaaa tattatagtt gaagcatagt agta          654
```

<210> 4
<211> 56
<212> DNA
<213> Artificial sequence

<220>
<223> primer PRM582

<400> 4

```
ggggacaagt ttgtacaaaa aagcaggctt cacaatgtat tgctcttctt cgatgc          56
```

<210> 5
<211> 52
<212> DNA
<213> Artificial sequence

<220>
<223> primer PRM583

<400> 5

```
ggggaccact ttgtacaaga aagctgggtg cttggtgtca tcttgagaat ag               52
```